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JUL 22 2004

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

Technology Center 2100

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**LOG-STRUCTURED ARRAY**

the specification of which (check one)

\_\_\_\_\_ is attached hereto.

☒ was filed on 02/22/2002 as United States Application Number or PCT International Application Number. 10/080,488  
and was amended on March 3, 2004 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or (f), or Section 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or PCT International application having a filing date before that of the application on which priority is claimed.

## Prior Foreign Application(s):

Number	Country	Day/Month/Year Filed	Priority Claimed	Certified Copy Attached? YES NO
0104469.2	Great Britain	23/02/01	Yes	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.John H. Holcombe, Reg. # 20,620  
Jean M. Barkley, Reg. # 39,541  
Allen K. Bates, Reg. # 50,276  
Randall J. Bluestone, Reg. # 40,518  
Dale M. Crockatt, Reg. # 35,109  
John E. Hoel, Reg. # 26,279William Gill, Reg. # 44,124  
Edward A. Pennington, Reg. # 32,588  
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David J. McKenzie, Reg. # 46,919

Customer Number: 36491

**SUBSTITUTE DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION  
(37 CFR 1.63)**

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Full name of sole or first joint-inventor: **Henry Esmond Butterworth**

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Inventor's signature:

Date:

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Citizenship: **British**

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Full name of second-inventor: **Robert Bruce Nicholson**

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Citizenship: **British**

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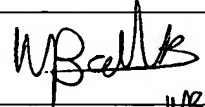
Post Office Address: Same

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SUBSTITUTE DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION  
(37 CFR 1.63)

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Full name of third joint-inventor: **William James Scales**

Inventor's signature: 

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Full name of fourth joint-inventor: **Douglas John Turner**

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